BRUHAT BANGALORE MAHANAGARA PALIKE

YELAHANKA ZONE

BYATARAYANAPURA DIVISION

BYATARAYANAPURA SUB DIVISOIN

Name of the Work : **Improvements and maintenance of footpath in ward no -08 jakkur**

EMB
Pre- Measurement

Job Code : 008-23-000008

Scanned by CamScanner

BRUHATH BANGALORE MAHANAGARAPALIKE
YELAHANKA ZONE
Pre Measurements

Name of work: Improvements and maintenance of footpath in ward no -08 jakkur
Work Order No:- BBMP/EE/BTP/WO/149/2022-23 , dt:07/03/2023
JOB NUMBER: 008-23-000008
Estimate Cost: 30.00 lakhs.
As No: AS/CE(YNK)/145/2022-23 Dt: 16.09.2022
Ts No :TS/ CE(YNK) /145/2022-23 dt : 16.09.2022
Name of Contractor : Sri B P Shanmugam

Sl No	Description of item	Unit	No	L	B	D	Qty
1	Removing and resetting of footpath slab (Data Rate)						
	Jakkuru						
	Govt School Road(Dhanalakshmi jewells to Anjaneya provision store	Sqm	1	108.00	1.50		
	Ch 0-30	Sqm	1	30.00	1.50		45
	Ch 30-60	Sqm	1	30.00	1.50		45
	Ch 60-90	Sqm	1	30.00	1.50		45
	Ch 90-108	Sqm	1	18.00	1.50		27
				216.00			162
	Abbubakar Masjid Road						
	Rajkaluve to Sagide enterprises	Sqm	1	90.00	0.90		
	Ch 0-30	Sqm	1	30.00	0.90		27
	Ch 30-60	Sqm	1	30.00	0.90		27
	Ch 60-90	Sqm	1	30.00	0.90		27
							81
	From Barkata store to Trithwa Ashram (church)						
	Ch 0-30	Sqm	1	30.00	0.75		22.5
	Ch 30-46	Sqm	1	16.00	0.75		12
				46.00			34.5
	Total						277.5

Assistant Engineer
Ward No. 08

Assistant Executive Engineer
Byatarayanapura Sub Division

2	Earth work excavation by manual means for drains,canals, waste weir, draft, approach channels, key trenches, foundation of bridges and such simillar works in all kinds of soils , as per drawing and technical specifications, including setting out, shoring, strutting, barricading, caution lights, removal of stumps and other deleterious matter, excavated surface leveled and sides neatly dressed disposing off the excavated stuff or sorting & stacking the selected stuff for reuse in a radius of 50 m and lift upto 1.5 m including cost of labour, tools & other appurtenaces required to complete the work. (PWD SR 2021-22 Vol -I Pg No 5 item no 1.4.1)						
	For RCC Drain - JAKKRU						
	Cross Road-1						
A	In front of Durga nilaya to opposite to BBMP help line office						
	Ch 0-30	Cum	1	30.00	1.00	0.85	25.50
	Ch 30-60	Cum	1	30.00	1.00	0.86	25.80
	Ch 60-90	Cum	1	30.00	1.00	0.85	25.50
							76.80

B. P. Shanmugam

-1-

Scanned by CamScanner

	Ch 90-120	Cum	1	30.00	1.00	0.89				26.70
	Ch 120-150	Cum	1	30.00	1.00	0.88				26.40
	Ch 150-169.5	Cum	1	19.50	1.00	0.90				17.55
	For Desilt									
	Jakkuru									
	Govt School Road(Dhanalakshmi jewells to Anjaneya provision store					D1	D2	D3	Avg D	
	Ch 0-30	cum	1	30.00	1.00	0.55	0.54	0.53	0.54	16.20
	Ch 30-60	cum	1	30.00	1.00	0.60	0.61	0.62	0.61	18.25
	Ch 60-90	cum	1	30.00	1.00	0.50	0.49	0.48	0.49	14.70
	Ch 90-120	cum	1	30.00	1.00	0.50	0.52	0.51	0.51	15.30
	Ch 120-150	cum	1	30.00	1.00	0.52	0.51	0.52	0.52	15.50
	Ch 150-180	cum	1	30.00	1.00	0.49	0.48	0.49	0.49	14.60
	Ch 180-193	cum	1	13.00	1.00	0.50	0.52	0.51	0.51	6.63
	Abbubakar Masjid Road									
	Rajkaluve to Sagide enterprises									
	Ch 0-30	cum	1	30.00	0.60	0.30	0.31	0.30	0.30	5.46
	Ch 30-60	cum	1	30.00	0.60	0.38	0.37	0.38	0.38	6.78
	Ch 60-90	cum	1	30.00	0.60	0.45	0.44	0.43	0.44	7.92
	Ch 90-120	cum	1	30.00	0.60	0.41	0.42	0.41	0.41	7.44
	Ch 120-150	cum	1	30.00	0.60	0.39	0.38	0.39	0.39	6.96
	Ch 150-158	cum	1	8.00	0.60	0.44	0.45	0.44	0.44	2.13
	From Barkata store to Trithwa Ashram (church)	cum								
	Ch 0-30	cum	1	30.00	0.45	0.30	0.31	0.30	0.30	4.10
	Ch 30-60	cum	1	30.00	0.45	0.30	0.31	0.32	0.31	4.19
	Ch 60-90	cum	1	30.00	0.45	0.31	0.32	0.30	0.31	4.19
	Ch 90-120	cum	1	30.00	0.45	0.33	0.31	0.34	0.33	4.41
	Ch 120-131.6	cum	1	11.60	0.45	0.30	0.33	0.31	0.31	1.64
				total quatity						303.83

Assistant Engineer
Ward No. 08

Assistant Executive Engineer
Byatarayanapura Sub Division

3	Providing and laying in position plain cement concrete Mix 1:3:6 (M10) for levelling course for all works in foundation. Using 40 mm nominal size graded crushed coarse aggregates and fine aggregates as per relevant IS Codes machine mixed, laid in layers not exceeding 150 mm thickness, well compacted using plate vibrators, including all lead & lifts, cost of all materials of quality, labour, Usage charges of machineries, curing, and all the other appurtenances required to complete the work as per technical specifications. (PWD SR 2021-22 Vol -I Pg 15 item no 2.1.3)						
	For RCC Drain - JAKKRU						
	Cross Road-1						
A	In front of Durga nilaya to opposite to BBMP help line office						
	Ch 0-30	Cum	1	30.00	1.00	0.15	4.50
	Ch 30-60	Cum	1	30.00	1.00	0.15	4.50
	Ch 60-90	Cum	1	30.00	1.00	0.15	4.50
	Ch 90-120	Cum	1	30.00	1.00	0.15	4.50
	Ch 120-150	Cum	1	30.00	1.00	0.15	4.50
	Ch 150-169.5	Cum	1	19.50	1.00	0.15	2.93
				Actiual Qty			25.43

B. P. Shyam

-2-

Scanned by CamScanner

Assistant Engineer
Ward No. 08

Assistant Executive Engineer
Byatarayanapura Sub Division

4	Providing and laying in position Reinforced cement concrete for all Sub structures of building, Irrigation works, Sub structure works of bridges, Drain works & other parallel works from 0.50m to 3.50 m height. The granite/trap/basalt crushed graded coarse aggregates and fine aggregates as per relevant IS Codes machine mixed with super plasticisers, laid in layers, well compacted using needle vibrators, providing weep holes wherever necesary, including all lead & lifts, cost of all materials of quality, confirming to the requirements of relevant IS codes, labour, Usage charges of machinery, curing and all other appurtenances required to complete the work as per technical specifications. M20 (The cost of steel reinforcement & formwork to be paid separately) (PWD SR 2021-22 Vol -I Pg 17 item no 2.4.2)									
	For RCC Drain - JAKKRU									
	Cross Road-1									
A	In front of Durga nilaya to opposite to BBMP help line office									
	Raft									
	Ch 0-30	Cum	1	30.00	0.90		0.15			4.05
	Ch 30-60	Cum	1	30.00	0.90		0.15			4.05
	Ch 60-90	Cum	1	30.00	0.90		0.15			4.05
	Ch 90-120	Cum	1	30.00	0.90		0.15			4.05
	Ch 120-150	Cum	1	30.00	0.90		0.15			4.05
	Ch 150-169.5	Cum	1	19.50	0.90		0.15			2.63
				169.50						22.88
	Wall concete									
	Ch 0-30	Cum	2	30.00	0.15		0.55			4.95
	Ch 30-60	Cum	2	30.00	0.15		0.56			5.04
	Ch 60-90	Cum	2	30.00	0.15		0.55			4.95
	Ch 90-120	Cum	2	30.00	0.15		0.59			5.31
	Ch 120-150	Cum	2	30.00	0.15		0.58			5.22
	Ch 150-169.5	Cum	2	19.50	0.15		0.60			3.51
										28.98
						Total				51.86

Assistant Engineer
Ward No. 08

Assistant Executive Engineer
Byatarayanapura Sub-Division

5	KSRB M2200-6 Providing T.M.T bars Fe 500 steel reinforcement for R.C.C work including straightening, cutting, bending, hooking, placing in position, lapping and / or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per design (laps, hooks and wastage shall not be measured and paid) cost of materials, labour, HOM of machinery complete as per specifications. MORTH Specification NO.1600 & 2200 Specification No. Pg No.229 Item No.28.8.2									
	For RCC Drain - JAKKRU									
	Cross Road-1									
A	In front of Durga nilaya to opposite to BBMP help line office	Tonne	No of bars	L						
	Longitudinl bars (8mm dia)									
	Ch 0-36		19	36.00						684
	Ch 36-72		19	36.00						684
										1368

B. P. Nayak

Scanned by CamScanner

Ch 72-115		19	43.00							817
			115.00							2185
Cross Road culvert	2	19	4.30							163.4
Ch 119.3-155.3		19	36.00							684
Ch 155.3-169.3		19	14.00							266
			284.30							1113.4
									Total Length in Mtr	3298.40
		A							wt @ 0.39kg/mtr(d2/162)	1286.38
distribution bars (10mm dia)										
Ch 0-36		287	2.20							631.4
Ch 36-72		287	2.20							631.4
Ch 72-115		343	2.20							754.6
										2017.4
Cross Road	2	34	2.20							149.6
Ch 119.3-155.3		287	2.20							631.4
Ch 155.3-169.3		111	2.20							244.2
										1025.2
									Total Length in Mtr	3042.60
		B							wt @ 0.62kg/mtr	1886.41
									Total Wt in Kgs (A to B)	3172.79
									Actiual Qty	3.17
									Limited to	3.14

B. P. Suresh
20/3/23
Assistant Engineer
Ward No. 08

-A-

Assistant Executive Engineer
Byatarayanapura Sub Division

Scanned by CamScanner